

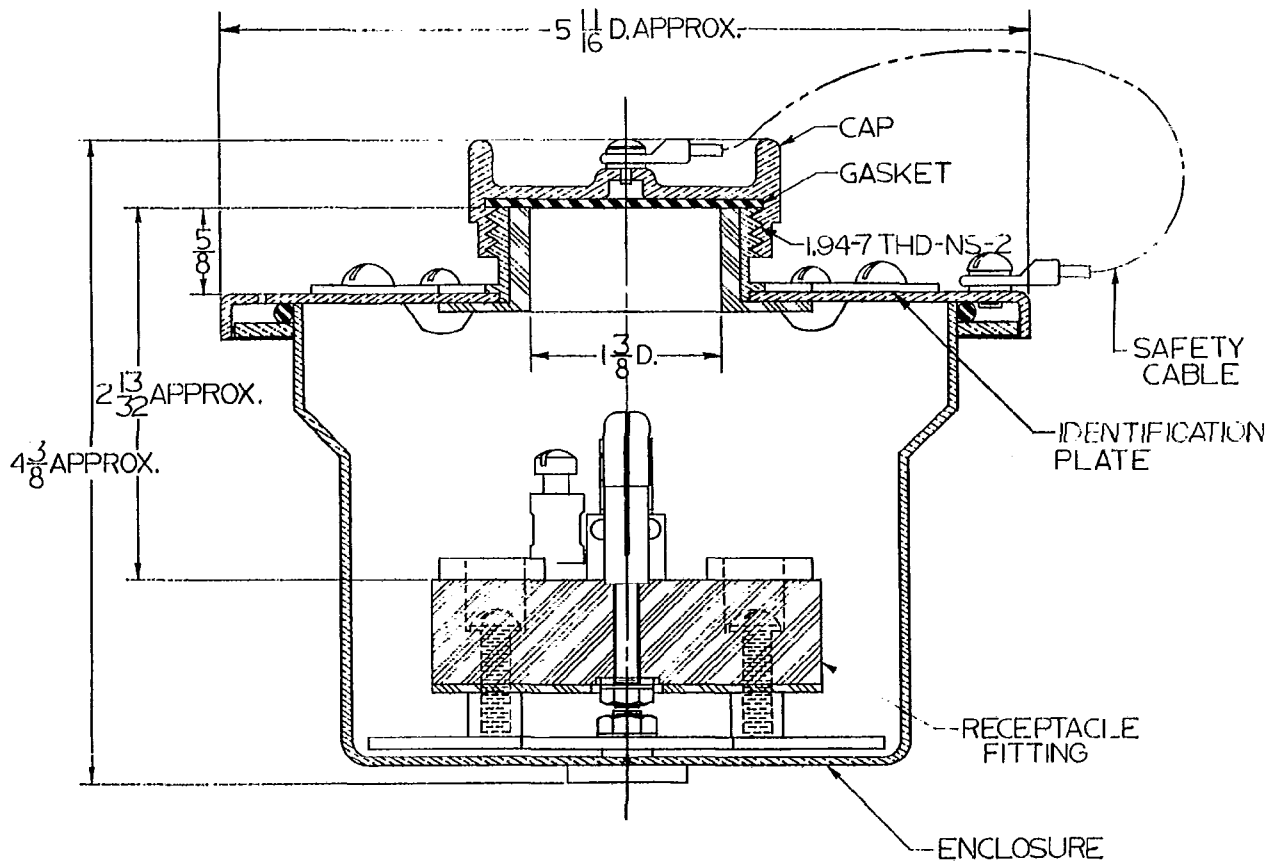
MILITARY SPECIFICATION SHEET

RECEPTACLE, ELECTRICAL, ENCLOSED, 10-AMPERE, 125-VOLT,  
3-PHASE, GROUNDED (SYMBOL NO. 741.2)

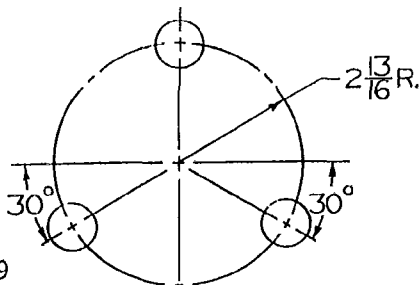
Ⓐ This specification is approved for use within the Naval Sea Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

Ⓐ The requirements for acquiring the receptacle described herein shall consist of this specification and the latest issue of MIL-R-2726.

Ⓐ denotes changes.



NOTE:  
MOUNTING BOLTS TO BE  
.38-16 HEX. HEAD



SH 9149

## NOTES:

1. Dimensions are in inches. Unless otherwise specified, tolerances are  $\pm 1/64$  inch for fractions and  $\pm 0.005$  inch for decimals. Angular tolerance is  $\pm 1/2$  degree.
2. Supersedes: Drawing 9000-S6202-74159.

FIGURE 1. Receptacle assembly.



## REQUIREMENTS:

1. Dimensions and configurations: See figures 1 and 2.
2. Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.
3. Receptacle material: Spring contact, phosphor bronze spring temper.  
Base - in accordance with type MAI-60 of MIL-M-14.  
Ground screw - shall be finished in a distinctive green color.
- (A) 4. Enclosure: Material may be molded plastic in accordance with type MAI-60 of MIL-M-14.  
Enclosure shall be in accordance with MIL-E-24142, part number M24142/5-002.
5. Design: Enclosure cover and receptacle assembly may be a one-piece molded unit.
6. Cap material: Brass or plastic. Intended use, maintain degree of enclosure when plug is removed.
- (A) 7. Mating plug: MIL-R-2726/68, part number M2726/68-001 (not furnished).
- (A) 8. Electrical rating: 10-ampere, 125-volt, alternating current, 60-hertz.
- (A) 9. Part number: M2726/67-001 (receptacle assembly).  
M2726/67-002 (receptacle fitting).

## (A) QUALITY ASSURANCE:

Quality assurance shall be as specified in MIL-R-2726 and table I herein. The first article and quality conformance inspections shall consist of the inspections as specified in table I, in the order shown.

TABLE I. First article and quality conformance inspection.

Inspection	Requirement	Test method	First article	Quality conformance
Examination	3.1, 3.3, 3.4, 3.5, 3.6 and 3.7	4.6.1	X	X
Insulation resistance	3.5.1	4.7.1	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	X
Contact resistance	3.5.3.1	4.7.3.1	X	X
Current load	3.5.12	4.7.12	X	
Endurance	3.5.5	4.7.5	X	
Salt spray	3.5.11	4.7.11	X	
Contact resistance	3.5.3.1	4.7.3.1	X	
Vibration	3.5.9	4.7.9	X	
Shock	3.5.10	4.7.10	X	
Effectiveness of enclosure	3.5.4	4.7.4	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	

Preparing activity:  
Navy - SH  
(Project 5935-N255-68)